

Recombinant Human VEGFA Prorein, FITC conjugated

Cat. No. VEGFA-406HF Lot. No. (See product label)

SPECIFICATION

Product Overview A DNA sequence encoding the human VEGF 121 isoform (P15692-9) (Met1-Arg147) (FITC conjugated) was expressed.

Species Human

Source HEK293

ProteinLength Met1-Arg147 121

Form Lyophilized

Molecular Mass The recombinant human VEGF consists of 121 amino acids and has a predicted molecular mass of 14 kDa. The apparent molecular mass of the human VEGF 121 is approximately 19.9 and 17.0 kDa in SDS-PAGE under reducing conditions due to glycosylation.

Endotoxin < 1.0 EU/ µg of the protein as determined by the LAL method.

Purity (55.6+41.6) % as determined by SDS-PAGE

Characteristic
Disulfide-linked homodimer
Labeled with FITC via amines
Excitation source: 488 nm spectral line, argon-ion laser
Excitation Wavelength: 488 nm
Emission Wavelength: 535 nm

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Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH7.4.
Conjugation	FITC

GENE INFORMATION

Gene Name	VEGFA vascular endothelial growth factor A [Homo sapiens]
Official Symbol	VEGFA
Synonyms	VEGFA; vascular endothelial growth factor A; vascular endothelial growth factor , VEGF; VEGF A; VPF; vascular permeability factor; VEGF; MVCD1; MGC70609;
Gene ID	7422
mRNA Refseq	NM_001025366
Protein Refseq	NP_001020537
UniProt ID	P15692

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